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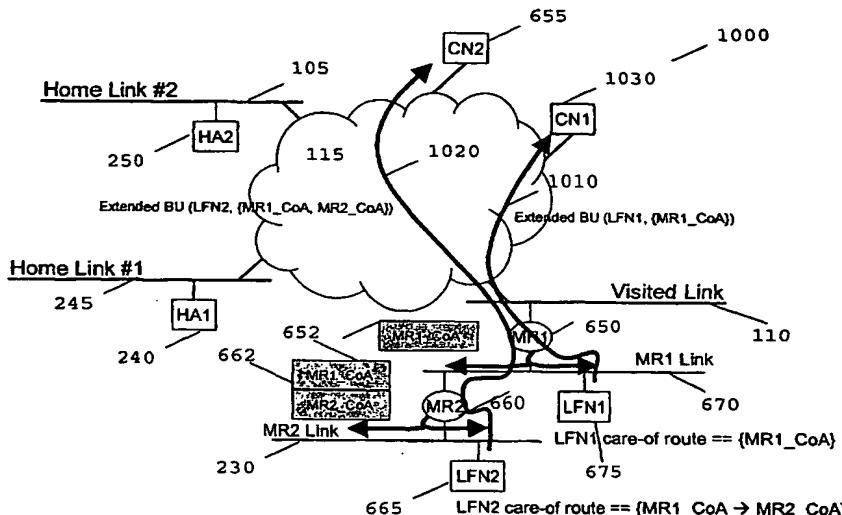
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(54) Title: METHOD AND APPARATUS FOR ROUTE OPTIMISATION IN NESTED MOBILE NETWORKS



(57) **Abstract:** A method of transmitting a data packet on a communication path from a first communication node (CN1, CN2) to a second communication node (LFN1, LFN2) in a mobile network (115). The method includes receiving a route message (1010, 1020) from the second communication node, wherein the route message includes a list of intermediary addresses ({MR1-COA}, {MR1-COA, MR2-COA}) between the first communication node and the second communication node. A preferred communication path is generated in response to the list of intermediary addresses; and at least one data packet is transmitted from the first communication node to the second communication node via this preferred communication path. In this matter, an optimised data path is determined in order to send at least one data packet to an intended recipient (LFN1, LFN2), for example in a nested mobile network scenario.

WO 2004/002106 A3